| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|--------|---|--|---------------------|---------|------------------|
| Li | 1 | 11/163131 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 23:18 |
| L2 | 0 | ("2006/0091567").URPN. | USPAT | OR | OFF | 2007/04/26 23:20 |
| L3 | 150634 | (polymer polyimide) and (wiring wire) and (chip die element IC) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 23:24 |
| L4 | 68326 | 3 and (package packaging housing house) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 23:24 |
| L5 | 11176 | 4 and (encapsulant encapsulating encapsulate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 23:24 |
| L6 | 18529 | (polymer polyimide) same (wiring wire) same (chip die element IC) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 23:30 |
| L7 | 9412 | 6 and (package packaging housing house) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 23:24 |

fram Nguyan

| L8 | 1504 | 7 and ("257"/\$.ccls. and "438"/\$.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; | OR . | ON | 2007/04/26 23:32 |
|-------|--------|---|--|------|-----|------------------|
| | | | DERWENT; IBM_TDB | | | |
| L9 | 2 | 10/711540 and (end) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/27 00:07 |
| L10 . | 317 | 7 and ("257"/787.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 23:59 |
| L11 | 2 | "20030103339".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/27 00:07 |
| L12 | 0 | "20030103339".pn. and low-K | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/27 00:08 |
| L13 | 2 | "20030103339".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/27 00:08 |
| S1 | 918380 | (packaging package) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/25 18:12 |

Tram Nguyen

| S2 | 247090 | S1 and (chip (integrated near circuit) "IC") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/25 20:13 |
|-----|--------|--|--|----|----|------------------|
| S4 | 13269 | S3 and (encapsulant encapsulating) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/25 20:13 |
| S5 | 4547 | S4 and (solder near ball) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/25 18:22 |
| S7 | 35167 | 257/678-733.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/25 18:24 |
| S8 | 1702 | S7 and S5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/25 18:24 |
| S9 | 1427 | S8 and (@ad<"20041020") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 10:12 |
| S10 | 873 | S9 and (polymer polyimide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/25 20:08 |

| S11 | 7109 | S7 and (polymer polyimide) | US-PGPUB; USPAT; USOCR; | OR | ON | 2007/04/25 20:08 |
|-----|-------|---|--|----|----|------------------|
| | | | FPRS; EPO; JPO; DERWENT; IBM_TDB | | | |
| S12 | 18676 | S7 and (wire wiring) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/25 20:08 |
| S13 | 5591 | S12 and (polymer polyimide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/25 20:09 |
| S14 | 5334 | S13 and (chip (integrated near circuit) "IC") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/25 20:13 |
| S15 | 1805 | S14 and (encapsulant encapsulating) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/25 20:14 |
| S16 | 1593 | S15 and (@ad<"20041020") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/25 20:14 |
| S17 | 1049 | S15 and (@pd<"20031020") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 10:10 |

from Nguyen

| (polyimide polymer) with (wiring wire) (packaging package) 2 S18 and S19 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR OR | ON OFF | 2007/04/26 10:11 |
|---|--|--|----------|---|
| | USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; USPAT; USOCR; FPRS; | | 100 mg/s | |
| 2 S18 and S19 | USPAT; USOCR; FPRS; | OR | ON | 2007/04/26 10:11 |
| · | DERWENT; IBM_TDB | | | |
| S20 and (substrate carrier board wafer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 10:11 |
| 73 S21 and (@ad<"20041020") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 10:13 |
| 257/678-733.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 10:13 |
| S23 and (wire wiring) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 10:13 |
| | wafer) S21 and (@ad<"20041020") 23 257/678-733.ccls. | wafer) USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | Wafer) | Wafer USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB USPAT; USOCR; FPRS; EPO; JPO; DERWENT; USOCR; FPRS; EPO; JPO; DERWENT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB USPAT; USOCR; EPO; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB USPAT; USOCR; EPO; USPAT; |

| | | | T T | | | |
|-----|------|---|--|----|-----|------------------|
| S25 | 5597 | S24 and (polymer polyimide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 10:13 |
| S26 | 5340 | S25 and (chip (integrated near circuit) "IC") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 10:13 |
| S27 | 1806 | S26 and (encapsulant encapsulating) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 10:13 |
| S28 | 1049 | S27 and (@pd<"20031020") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 10:13 |
| S29 | 4730 | S22 not S28 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 10:20 |
| S30 | 2314 | S29 and ("257"/\$.ccls. "438"/\$.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 10:50 |
| S31 | 2 | 10/711540 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 11:09 |
| S33 | 0 | ("2006/0071305").URPN. | USPAT | OR | OFF | 2007/04/26 14:47 |

| • | | • | _ | | | |
|-------|------|---|--|---------|-----|------------------|
| S35 | 439 | (polymer polyimide) same (wiring wire) same (encapsulating encapsulant encapsulate) same (chip element IC (integrated near circuit)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/26 18:09 |
| S36 | 439 | (polymer polyimide resub) same (wiring wire) same (encapsulating encapsulant encapsulate) same (chip element IC (integrated near circuit)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/26 18:09 |
| S37 | 1675 | (polymer polyimide resin) same (wiring wire) same (encapsulating encapsulant encapsulate) same (chip element IC (integrated near circuit)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/26 18:11 |
| S38 | 0 | "20060091567".pn. and (polymer polymide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/26 18:12 |
| S40 · | 0 | ("2006/0091567").URPN. | USPAT | OR . | OFF | 2007/04/26 18:16 |
| S41 | 3999 | 257/787.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR · | OFF | 2007/04/26 18:16 |
| S42 | 1016 | S41 and (polymer polyimide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR · | OFF | 2007/04/26 18:16 |
| S43 | 956 | S42 and (chip IC element) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/26 18:17 |

| S45 | 337 | S43 and wiring | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 19:17 |
|-------|-----|---|--|----|------|------------------|
| S46 | 2 | "20050133878".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 19:19 |
| S47 | 4 | ("6384472" "6545332").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON . | 2007/04/26 19:50 |
| . S48 | 48 | ("5436492" "5523608" "5703396" "5753857" "5898218" "6274927" "6353257" "6383835" "6384472" "6476469").PN. OR ("6545332"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/26 19:22 |
| S49 | 9 | S48 and (polymer polyimide) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/26 19:24 |
| S51 | 279 | 257/433.ccls. and (polymer polyimide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 19:24 |
| S52 | . 2 | 10/711540 and polymer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/26 20:50 |

Tram Naguyer